

## SEQUENCE LISTING

<110> Sheppard, Paul O.  
Gilbertson, Debra G.

<120> SECRETED PROTEINS ENCODED BY HUMAN CHROMOSOME 13

<130> 97-38C1

<150> 60/053,613

<151> 1997-07-24

<150> 09/122,383

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| ggc gcg ggc gcg gct cgg gga cgc gct tcc tgg tgc tgg gcg ctg gcg | 103 |
| Gly Ala Gly Ala Ala Arg Gly Arg Ala Ser Trp Cys Trp Ala Leu Ala |     |
| 5 10 15   |     |

|   |     |
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| ctg ctt tgg ctc gcg gtg gtt ccg ggc tgg tcc cgg gtc tcg ggc atc | 151 |
| Leu Leu Trp Leu Ala Val Val Pro Gly Trp Ser Arg Val Ser Gly Ile |     |
| 20 25 30 35   |     |

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| ccc tcc cgg cgc cac tgg ccg gtg ccc tac aag cgc ttt gac ttc cgt | 199 |
|---|-----|

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| Pro | Ser | Arg | Arg | His | Trp | Pro | Val | Pro | Tyr | Lys | Arg | Phe | Asp | Phe | Arg |     |
|     |     |     |     | 40  |     |     |     |     | 45  |     |     |     |     | 50  |     |     |
| cca | aaa | cct | gat | cct | tat | tgt | caa | gct | aag | tat | act | ttc | tgt | cca | act | 247 |
| Pro | Lys | Pro | Asp | Pro | Tyr | Cys | Gln | Ala | Lys | Tyr | Thr | Phe | Cys | Pro | Thr |     |
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| ggc | tca | cct | atc | cca | gtt | atg | gag | ggc | gat | gat | gac | att | gaa | gtt | ttt | 295 |
| Gly | Ser | Pro | Ile | Pro | Val | Met | Glu | Gly | Asp | Asp | Asp | Ile | Glu | Val | Phe |     |
|     |     | 70  |     |     |     |     | 75  |     |     |     |     | 80  |     |     |     |     |
| cga | tta | caa | gcc | cca | gta | tgg | gaa | ttt | aaa | tat | gga | gac | ctc | ctg | gga | 343 |
| Arg | Leu | Gln | Ala | Pro | Val | Trp | Glu | Phe | Lys | Tyr | Gly | Asp | Leu | Leu | Gly |     |
|     | 85  |     |     |     |     | 90  |     |     |     |     | 95  |     |     |     |     |     |
| cac | ttg | aaa | att | atg | cat | gat | gcc | att | gga | ttc | aga | agt | aca | tta | act | 391 |
| His | Leu | Lys | Ile | Met | His | Asp | Ala | Ile | Gly | Phe | Arg | Ser | Thr | Leu | Thr |     |
| 100 |     |     |     |     | 105 |     |     |     | 110 |     |     |     |     |     | 115 |     |
| ggc | aag | aac | tac | aca | atg | gaa | tgg | tat | gaa | ctt | ttc | caa | ctt | ggc | aac | 439 |
| Gly | Lys | Asn | Tyr | Thr | Met | Glu | Trp | Tyr | Glu | Leu | Phe | Gln | Leu | Gly | Asn |     |
|     |     |     |     | 120 |     |     |     |     | 125 |     |     |     |     | 130 |     |     |
| tgt | aca | ttt | ccc | cat | ctc | cga | cct | gaa | atg | gat | gcc | cct | ttc | tgg | tgt | 487 |
| Cys | Thr | Phe | Pro | His | Leu | Arg | Pro | Glu | Met | Asp | Ala | Pro | Phe | Trp | Cys |     |
|     |     |     | 135 |     |     |     |     | 140 |     |     |     |     | 145 |     |     |     |
| aat | caa | ggc | gct | gcc | tgc | ttt | ttt | gag | gga | att | gat | gat | gtt | cac | tgg | 535 |
| Asn | Gln | Gly | Ala | Ala | Cys | Phe | Phe | Glu | Gly | Ile | Asp | Asp | Val | His | Trp |     |
|     |     | 150 |     |     |     |     | 155 |     |     |     |     | 160 |     |     |     |     |
| aag | gaa | aat | ggg | aca | tta | gtt | caa | gta | gca | act | ata | tca | gga | aac | atg | 583 |
| Lys | Glu | Asn | Gly | Thr | Leu | Val | Gln | Val | Ala | Thr | Ile | Ser | Gly | Asn | Met |     |
|     | 165 |     |     |     |     | 170 |     |     |     |     | 175 |     |     |     |     |     |
| ttc | aac | caa | atg | gca | aag | tgg | gtg | aaa | cag | gac | aat | gaa | aca | gga | att | 631 |
| Phe | Asn | Gln | Met | Ala | Lys | Trp | Val | Lys | Gln | Asp | Asn | Glu | Thr | Gly | Ile |     |
| 180 |     |     |     |     | 185 |     |     |     |     | 190 |     |     |     |     | 195 |     |
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| Tyr | Tyr | Glu | Thr | Trp | Asn | Val | Lys | Ala | Ser | Pro | Glu | Lys | Gly | Ala | Glu |     |
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 Asn Lys Leu Ala Glu Phe Gly Ala Glu Phe Lys Asn Ile Glu Thr Asn  
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tat aca aga ata ttt ctt tac agt gga gaa cct act tat ctg gga aat 823  
 Tyr Thr Arg Ile Phe Leu Tyr Ser Gly Glu Pro Thr Tyr Leu Gly Asn  
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 Glu Thr Ser Val Phe Gly Pro Thr Gly Asn Lys Thr Leu Gly Leu Ala  
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 Ile Lys Arg Phe Tyr Tyr Pro Phe Lys Pro His Leu Pro Thr Lys Glu  
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 Phe Pro Phe Ile Lys Ile Thr Tyr Glu Glu Ile Pro Leu Pro Ile Arg  
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| Ser | Gly | Ile | Pro | Ser | Arg | Arg | His | Trp | Pro | Val | Pro | Tyr | Lys | Arg | Phe |
|     |     | 35  |     |     |     |     | 40  |     |     |     |     | 45  |     |     |     |
| Asp | Phe | Arg | Pro | Lys | Pro | Asp | Pro | Tyr | Cys | Gln | Ala | Lys | Tyr | Thr | Phe |
|     | 50  |     |     |     |     | 55  |     |     |     |     | 60  |     |     |     |     |
| Cys | Pro | Thr | Gly | Ser | Pro | Ile | Pro | Val | Met | Glu | Gly | Asp | Asp | Asp | Ile |
| 65  |     |     |     |     | 70  |     |     |     | 75  |     |     |     |     | 80  |     |
| Glu | Val | Phe | Arg | Leu | Gln | Ala | Pro | Val | Trp | Glu | Phe | Lys | Tyr | Gly | Asp |
|     |     |     |     | 85  |     |     |     | 90  |     |     |     |     |     | 95  |     |
| Leu | Leu | Gly | His | Leu | Lys | Ile | Met | His | Asp | Ala | Ile | Gly | Phe | Arg | Ser |
|     |     |     | 100 |     |     |     |     | 105 |     |     |     |     | 110 |     |     |
| Thr | Leu | Thr | Gly | Lys | Asn | Tyr | Thr | Met | Glu | Trp | Tyr | Glu | Leu | Phe | Gln |
|     |     | 115 |     |     |     | 120 |     |     |     |     |     | 125 |     |     |     |
| Leu | Gly | Asn | Cys | Thr | Phe | Pro | His | Leu | Arg | Pro | Glu | Met | Asp | Ala | Pro |
|     | 130 |     |     |     |     | 135 |     |     |     |     | 140 |     |     |     |     |
| Phe | Trp | Cys | Asn | Gln | Gly | Ala | Ala | Cys | Phe | Phe | Glu | Gly | Ile | Asp | Asp |
| 145 |     |     |     | 150 |     |     |     |     | 155 |     |     |     |     | 160 |     |
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|     |     |     | 165 |     |     |     |     | 170 |     |     |     |     |     | 175 |     |
| Gly | Asn | Met | Phe | Asn | Gln | Met | Ala | Lys | Trp | Val | Lys | Gln | Asp | Asn | Glu |
|     |     | 180 |     |     |     |     |     | 185 |     |     |     | 190 |     |     |     |
| Thr | Gly | Ile | Tyr | Tyr | Glu | Thr | Trp | Asn | Val | Lys | Ala | Ser | Pro | Glu | Lys |
|     |     | 195 |     |     |     | 200 |     |     |     |     |     | 205 |     |     |     |
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|     | 210 |     |     |     | 215 |     |     |     |     | 220 |     |     |     |     |     |
| Arg | Thr | Phe | Asn | Lys | Leu | Ala | Glu | Phe | Gly | Ala | Glu | Phe | Lys | Asn | Ile |
| 225 |     |     |     | 230 |     |     |     |     | 235 |     |     |     |     | 240 |     |
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|     |     |     | 245 |     |     |     |     | 250 |     |     |     |     | 255 |     |     |
| Leu | Gly | Asn | Glu | Thr | Ser | Val | Phe | Gly | Pro | Thr | Gly | Asn | Lys | Thr | Leu |
|     |     | 260 |     |     |     |     | 265 |     |     |     |     | 270 |     |     |     |
| Gly | Leu | Ala | Ile | Lys | Arg | Phe | Tyr | Tyr | Pro | Phe | Lys | Pro | His | Leu | Pro |
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| ytntggytng | cngtngtncc   | nggntggwsn | mgngtnwsng | gnathccnws  | nmgnmgncay  | 120  |
| tggccngtnc | cntayaarmg   | nttygaytty | mgncnaarc  | cngayccnta  | ytgycargcn  | 180  |
| aartayacnt | tytgyccnac   | nggnwsnccn | athccngtna | tggarggnga  | ygaygayath  | 240  |
| gargtnttym | gnytncargc   | nccngtntgg | garttyaart | ayggngayyt  | nytnngncay  | 300  |
| ytnaaratha | tgcaygaygc   | nathggntty | mgnwsnacny | tnacnggnaa  | raaytayacn  | 360  |
| atggartggt | aygarynttt   | ycarytnggn | aaytgyacnt | tyccncayyt  | nmgnccngar  | 420  |
| atggaygcnc | cnttytggtg   | yaaycarggn | gcngcntgyt | tyttygargg  | nathgaygay  | 480  |
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| aaycaratgg | cnaartgggt   | naarcargay | aaygaracng | gnathtayta  | ygaracntgg  | 600  |
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| garacnaayt | ayacnmgnat   | httyyntay  | wsngngarc  | cnacntayyt  | nggnaaygar  | 780  |
| acnwsngtnt | tyggncnccnac | nggnaayaar | acnytnngny | tnngcnathaa | rmgnttytay  | 840  |
| tayccnttya | arccncayyt   | nccnacnaar | garttyytny | tnwsnytnyt  | ncarathtty  | 900  |
| gaygcngtna | thgtncayaa   | rcarttytay | ytnttytaya | ayttygarta  | ytggttyytn  | 960  |
| ccnatgaart | tyccnttyat   | haarathacn | taygargara | thccnytncc  | nathmgnaay  | 1020 |
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10010050-110001